

APR 26 2002

U. S. PATENTS DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Sub-Class	Filing date
AA	3,269,991	8-66	La Combe			
AB	3,278,501	10-66	Bailey et al.			
AC	4,330,450	5-82	Lipowski et al.			
AD	4,363,886	12-82	Lipowski et al.			
AE	4,392,917	7-83	Lipowski et al.			
AF	4,822,847	4-89	Schulz et al.			
AG	5,788,866	8-98	Fong et al.			

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Exam. Init.	Document No.	Date	Country	Class	Sub-Class	Filing date
AH						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AI		"A New Type of Polyampholyte: Poly(4-vinyl Pyridine Betaine)," Journal of Polymer Science, Vol. 26, Iss. 113. Pp. 251-254. (1957)
AJ		Cardoso, J., et al. "Polymeric Flocculants of the Zwitterionic Type," Polymer Pref., pp. 323-324. (1991)
AK		Ishihara, K., et al., "Preparation of Phospholipid Polymers and Their Properties as Polylmer Hydrogel Membranes," Polymer Journal, Vol. 22, No. 5, pp. 355-360. (1990)
AL		McCormick, Charles, "Water soluble copolymers: 46. Hydrophilic sulphobetaine copolymers of acrylamide and 3-(2-acrylamido-2-methylpropanedimethyl-ammonio)-1-propanesulphonate," Polymer, Vol. 33, No. 21, p. 4617. (1992)
AM		Orta de Velasquez, M. T., et al, "New Polymeric Coagulants Tested in Water and Wastewater," Environmental Technology, Vol. 19, pp. 323-330. (1998)
AN		Salamone, J.C., "Preparation of inner salt polymers from vinylimidazolium sulphobetaines," Polymer, Vol. 18, p. 1058. (1977)
AO		Salamone, J.C., "Aqueous solution properties of a poly(vinyl imidazolium sulphobetaine)," Polymer, Vol. 19, p. 1157. (1978)
AP		Wang, Yanfeng, "Syntheses and Properties of a Series of Amphiphilic Polyacrylamides Bearing Two Long Alkyl Chains and Phosphatidylcholine Analogous Groups in the Side Chains," Journal of Polymer Science, Vol. 34, pp. 449-460. (1996)
Examiner		Date Considered 3/03

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	BA	5,240,982	8-93	Farwaha et al.			
	BB	5,846,558	12-98	Nielsen et al.			
	BC	5,912,294	6-99	Schade			
	BD	6,150,432	11-00	Jones et al.			
	BE	6,313,246	11-01	Carter et al.			
	BF						
	BG						

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	BH						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BI		"Polyampholites," Encyclopedia of Polymer Science and Engineering, Vol. 11, Pp. 514-530, J.C. Salamone and W.C. Rice (1994)
	BJ		
	BK		
	BL		
	BM		
	BN		
	BO		
	BP		
Examiner			Date Considered 3/03